

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| S1 | 1 | "20030119925".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 16:40 |
| S2 | 1 | "20060173086".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 16:41 |
| S3 | 1 | "3772262".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:33 |
| S4 | 0 | "2003119925".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:35 |
| S5 | 1 | "20030119925".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:35 |
| S6 | 1 | "3933574".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:37 |
| S7 | 1 | "6989404".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:41 |
| S8 | 1 | "7135546".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/12 17:46 |
| S9 | 7 | ((ERIC) near2 (FASSIAU)).INV. | US-PGPUB; USPAT | OR | ON | 2008/06/16 09:04 |
| S10 | 2 | ((DENIS) near2 (GEETS)).INV. | US-PGPUB; USPAT | OR | ON | 2008/06/16 09:04 |
| S11 | 19 | ((ERIC) near2 (FASSIAU)).INV. | EPO; JPO; DERWENT | OR | ON | 2008/06/16 09:04 |
| S12 | 2 | ("20030119925" "6172125"). PN. | US-PGPUB; USPAT | OR | ON | 2008/06/16 11:52 |
| S13 | 1 | "4668768".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/16 12:26 |
| S14 | 1 | "4071479".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/16 12:36 |
| S15 | 64 | ("2914492" "2915482" "3043785" "3232891" "3256212" "3624009" "3666691" "3836486" "3912664").PN. OR ("4071479"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/16 13:21 |
| S16 | 1 | "4038219".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/16 16:05 |
| S17 | 1 | "3668302".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/16 16:08 |
| S18 | 1443 | solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$)and (PVC or polyvinyl adj chloride) | US-PGPUB; USPAT | OR | ON | 2008/06/16 16:23 |

| | | | | | | |
|-----|-------|--|--------------------|----|----|---------------------|
| S19 | 756 | solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol)) | US-PGPUB; USPAT | OR | ON | 2008/06/16 16:26 |
| S20 | 1 | "6172125".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/16 16:53 |
| S21 | 9 | solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol)).ab. | US-PGPUB; USPAT | OR | ON | 2008/06/16 16:59 |
| S22 | 7 | solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol)).ab. | DERWENT | OR | ON | 2008/06/16 17:05 |
| S23 | 84656 | water and ((methyl adj ethyl adj ketone) or (methylethyl adj ketone)or MEK) | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:20 |
| S24 | 237 | S19 and S23 | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:20 |
| S25 | 4921 | ((recycl\$ or recover)and PVC and (dispers\$ or surfactant or emulsif\$ or (phase adj separat \$)) | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:32 |
| S26 | 505 | ((recycl\$ or recover)and PVC and (dispers\$ or surfactant or emulsif\$ or (phase adj separat \$)).ab. | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:34 |
| S27 | 1 | ((((recycl\$ or recover)and PVC and (dispers\$ or surfactant or emulsif\$ or (phase adj separat \$)))ab. | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:40 |
| S28 | 1 | ((solvent and ((non adj solvent) or nonsolvent)and (dispersant or surfactant or emulsifier or coagulat\$ or (phase adj separat \$) or flocculat\$)and (PVC or polyvinyl adj chloride)and ((cellulose adj ether) or (polyvinyl adj alcohol))).ab. | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:44 |

| | | | | | | |
|-----|------|---|------------------------------------|----|----|------------------|
| S29 | 4393 | precipitat\$ and PVC and (surfactant or emulsif\$ or dispersant or (phase adj separat \$)) | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:46 |
| S30 | 0 | (precipitat\$ and PVC and (surfactant or emulsif\$ or dispersant or (phase adj separat \$))) ab. | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:46 |
| S31 | 119 | (precipitat\$ and polymer and (surfactant or emulsif\$ or dispersant or (phase adj separat \$))) ab. | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:47 |
| S32 | 101 | precipitat\$ and PVC and (surfactant or emulsif\$ or dispersant or (phase adj separat \$)) and "521".clas. | US-PGPUB; USPAT | OR | ON | 2008/06/16 17:50 |
| S33 | 7130 | solvay.as. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/16 18:45 |
| S34 | 23 | S33 and S29 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/06/16 18:46 |
| S35 | 1 | "6291013".pn. | US-PGPUB; USPAT | OR | ON | 2008/06/27 11:59 |
| S36 | 1 | "10564589" | US-PGPUB; USPAT | OR | ON | 2008/09/17 14:19 |
| S37 | 1 | "10564700" | US-PGPUB; USPAT | OR | ON | 2008/09/17 14:23 |
| S38 | 50 | ("20060173085" "20060173086" "4144025" "5833891" "4152276" "4191680" "4304701" "5202400" "5478564" "5800607" "5869570" "5912294" "6884438" "20040182711" "20040230068" "20040235678" "20050084790" "20070138675" "5358822" "6939589" "20040072361" "20040105977" "20040154640" "5723137" "4760009" "5998317" "20040115123" "3753760" "3991226" "4071594" "4362838" "4363887" "4822405" "4971617" "5139152" "5663217" "5858927" "6037090" "6100221" "6450719" "6514485" "6773496" "6916365" "7105289" "20020077371" "20020134487" "20020144627" "20020198108" "20030165882" "20030201022").pn. | US-PGPUB; USPAT | OR | ON | 2008/11/18 18:54 |

| | | | | | | |
|-----|------|--|--------------------|-----|----|---------------------|
| S39 | 596 | (521/40,46.5,48,48.5).ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 18:55 |
| S40 | 2620 | 528/272.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 18:55 |
| S41 | 507 | 521/91.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:04 |
| S42 | 47 | 428/843.1.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:05 |
| S43 | 1588 | (solvent same (nonsolvent or (non adj solvent))) and dispersant | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:07 |
| S44 | 459 | (solvent same (nonsolvent or (non adj solvent))) and dispersant and ((cellulose adj ether) or (polyvinyl adj alcohol)) | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:08 |
| S45 | 1 | S39 and S44 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:08 |
| S46 | 3 | S40 and S44 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:09 |
| S47 | 0 | S41 and S44 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:09 |
| S48 | 0 | S42 and S44 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:09 |
| S49 | 7 | ((ERIC) near2 (FASSIAU)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:16 |
| S50 | 2 | ((DENIS) near2 (GEETS)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:17 |
| S51 | 1679 | solvay.as. | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:17 |
| S52 | 2 | S51 and S44 | US-PGPUB; USPAT | ADJ | ON | 2008/11/18 19:17 |
| S53 | 1 | "20060173086".pn. | US-PGPUB; USPAT | OR | ON | 2008/11/19 10:15 |

11/19/2008 7:08:16 PM

C:\Documents and Settings\ftischler\My Documents\EAST\Workspaces\10564589surfactants.wsp